

LISTING OF CLAIMS:

1. (Currently amended) An air intake apparatus comprising:

an air intake duct provided with an inlet through which intake air is introduced;

an air cleaner disposed on the downstream side of the air intake duct and for filtering the intake air, the air cleaner including a casing;

an air cleaner hose disposed between the downstream side of the air cleaner and the upstream side of a combustion chamber of an engine and for supplying the filtered intake air to the combustion chamber, ~~to thereby define~~

wherein an intake air passageway, a passageway section ranging from the inlet to the upstream end-side of the combustion chamber in which the intake air flows, is defined by walls of the air intake duct, the air cleaner, and the air cleaner hose;

an air-permeable member disposed to block a communicating path disposed in a wall of the intake air passageway, wherein the wall is ~~configured to surround~~ surrounds an antinode of a lower resonance mode ~~inside the air cleaner, the lower resonance mode corresponding~~

corresponds to the whole passageway length of the intake air passageway from the inlet to the upstream side of the combustion chamber, and the antinode occurs in the intake air passageway;

and

a valve, disposed in the wall, for opening the communicating path, to allow the inside of the intake air passageway to communicate with the outside thereof at least when the lower resonance mode occurs,

wherein the valve and the air-permeable member are disposed in the casing.

2. (Currently amended) An air intake apparatus according to Claim 1, wherein:

the air cleaner includes a casing, and an element for dividing the inside of the casing into a dirty side and a clean side; and
~~the valve and the air permeable member are disposed in the casing.~~

3. (Currently amended) An air intake apparatus according to Claim 1, wherein the valve opens the communicating path at least when an engine speed is not higher than an upper limit value of an engine speed range where the lower resonance mode ~~corresponding to the whole passageway length of the intake air passageway occurs.~~

4. (Original) An air intake apparatus according to Claim 1, further comprising a sound insulation chamber provided on the downstream side of the air-permeable member in the communicating path and for attenuating transmitted noise passing through the air-permeable member.

5. (Original) An air intake apparatus according to Claim 1, wherein the communicating path is opened and closed with an engine speed being used as an index.

6. (Currently amended) An air intake apparatus according to Claim 1, wherein the valve closes the communicating path when an engine speed is higher than an upper limit value of an engine speed range where the lower resonance mode ~~corresponding to the whole passageway length of the intake air passageway occurs.~~

7. (Previously presented) An air intake apparatus comprising:
an air intake duct provided with an inlet through which intake air is introduced;

an air cleaner disposed on the downstream side of the air intake duct and for filtering the intake air;

an air cleaner hose disposed between the downstream side of the air cleaner and the upstream side of a combustion chamber of an engine and for supplying the filtered intake air to the combustion chamber ~~to thereby define,~~

wherein an intake air passageway, a passageway section ranging from the inlet to the upstream end side of the combustion chamber in which the intake air flows, is defined by the air intake duct, the air cleaner, and the air cleaner hose;

a communicating path disposed in the air intake passageway, the communicating path further being disposed where there is an antinode of the lower resonance mode inside the air cleaner, the lower resonance mode corresponding to ~~the~~ whole length of the intake air passageway from the inlet to the upstream side of the combustion chamber;

an air-permeable member for blocking the communicating path; and

a valve for opening and closing the communicating path.

8. (Original) An air intake apparatus according to Claim 7, wherein the air-permeable member is disposed on an inner side of the communicating path than the valve.

9. (Original) An air intake apparatus according to Claim 7, wherein the valve is disposed on an inner side of the communicating path than the air-permeable member.